Docket No. JA998-232

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION As a below named inventor, I hereby declare that:

My residence, post office address and ditizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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is attached hereto.			10		
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X was filed on January 1	4. 2000	As			
Application Serial No. 0	9/481_847		PRINTS THAT THE REAL PRINTS IN T		
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no bedrema eaw bis	applicable)				
I hereby state that I have review the claims, as amended by any ame is material to the patentability section 1.56.	ndment referred	to above. I ack	owledge the duty to dis	close informa	tion whi
I hereby claim foreign priority b application(s) for patent or inve application for patent or invento priority is claimed:	ntor's certificat	te listed below	and have also identified	d below any f	oreign
Prior Poreign Application(s)			·	Prior	ity Clai
11~007384	Japan		14/1/99	<u>x</u> _	Yes
(Number)	(Countr	(y)	(Day/Month/Year File	ed)	
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I hereby claim the benefit under listed below and, Insofar as the prior United States application in Section 112, I acknowledge the dudefined in Title 37, Code of Fede prior application and the nationa (Application Serial No.)	subject matter of n the manner prov ty to disclose in ral Regulations,	f each of the cl vided by the fir nformation mater Section 1.56 W tional filing da	aims of the application st paragraph of Title 3 ial to the patentability ich occurred between the	is not discl 5, United Sta y of this app e filing date	osed in tes Code lication of the
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TEL: 914 628 6197 APR. 25. 2000 1:20 AM P 2

FROM : Ronald L. Drumheller, Esq.

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Docket	No.	JA998-232

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Tetauya TAMURA Full name of sole or first inventor	
Tetouza Jamura	25/4/2000
Inventor's Signature	Date
1-7-1 Tsukimino, Yamato-shi, Kanagawa	-ken. Japan
Residence	
Japan	
Citizenship	•
·	•
Same as above	
Post Office Address	
·	
•	,
Full name of second joint-inventor, if any	
,	
Inventor's signature	Date
Residence	
·	·
Citizenship	
A	
Same as above	
POSC Office Address	
At I	·
48 8	
Full name of third joint inventor, if any	
,	
Inventor's Signature	Naha
butonrat & Athiabite	Date
Residence	
·	
	·
Citizenship	
Same as above	
Post Office Address	

(MROY BJOZ)

(IBM Docket <u>JA998-232</u>)

## Assignment

Whereas, I

Tetsuya TAMURA

of Kanagawa-ken, Japan

have invented certain improvements in

APPARATUS AND METHOD TO COMPUTE IN JACOBIAN OF HYPERELLIPTIC CURVE DEFINED OVER GALOIS FIELD OF CHARACTERISTIC 2

DATE

and executed a United States patent application therefor on 04/25/2000

whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM) desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

CITY

Yamato

DATE

25/4/2000

(Tetsuya Tamura) PIRST NAME MIDDLE INITIAL LAST NAME

SIGNATURE INVENTOR

State of Country of

Japan

) ss . ;

April, 2000 25th day of

On this +9 , before me personally came TETSUYA TAMURA to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

HIROSHI SAKAGUCHI

(Patent Attorney)

(Registration Number: 8624)

Atty. Docket No.

JA998-232

## RECORDATION FORM COVER SHEET PATENTS ONLY

To The Honorable Commissioner of Patents and Trademarks Please record the attached original documents or copy thereof.

	conveying party(ies): AMURA	2. Name and address of receiving party(ies):				
Additional	I name(s) of conveying attached?Yes _X_No	Name: International Business Machines Corporation Address: Armonk, NY 10504				
3. Nature of <u>X</u>	conveyance: Assignment	4. Patent Application number(s) Serial No. Filed: January 14, 2000				
Execution	Date(s): <u>4/25/00</u>	Execution Date(s): 4/25/00				
	address of party to whom dence concerning document mailed:	6. Total number of applications involved: 1				
Name: Ronald L. Drumheller, Esq. Address: 94 Teakettle Spout Road Mahopac, New York 10541		7. Total fee (37 CFR 3.41): \$40.00  X Charge to Deposit Account No.: 04-1677				

## DO NOT USE THIS SPACE

8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document.

Ronald L. Drumheller (Reg. No. 25,674)

Name of Person Signing

Signature

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

**Box Assignments** 

Washington, DC 20231